A.N.A.R.T.S. News Bulletin 1403 for 2nd of July 2006

ANARTS now has a web site at www.anarts.com.au

where information about the society can be found, as well as

the weekly broadcast texts.

Views expressed in this news bulletin are not necessarily

those of the Broadcast Officer, the Relay Officers, or of

the Society.

Items in this broadcast include

1. Cols column

2. IPS REPORT

3. VK2SG RTTY DX report

4. OPDX News

5. Anarts Information

Col's Column

Propagation of Radio Waves.

Maximum Usable Frequency continued.

Since layer conditions undergo diurnal and seasonal variations, the MUF

will not be a constant quantity, but will be subject to diurnal and

seasonal variations also. A graph showing typical variations in MUF for

distances up to 2000 miles over a 24 hour day. plus accompanying text,

will be placed on ANARTS Web site this Sunday.

Regarding the time factor, the important layer conditions are those at

the point of refraction. Since the local time changes with Longitude,

it is necessary to know the local time at the point of refraction, so

that the layer conditions governing the MUF can be determined. For

example, between Sydney and Perth, a distance of approximately 3000

Kilometres, there is a two hour local time difference.
When it is 12 noon

in Sydney, it is 1000 hours in Perth. (Disregarding
Daylight Saving).

For sky wave communications between Sydney and Perth, the
important

ionospheric conditions are not those at either Sydney or
Perth, but

those at the point of refraction by the ionospheric
layers, that is

midway between the two cities and therefore at a point
where the local

time is 1100 hours. The MUF under these conditions would
be about 22Mhz,

as shown on the graph on ANARTS Web Site.

More of this fascinating subject next week.

73's Col VK2CTD.

IPS Weekly Solar and Geophysical Report 23/29th Jun

SUMMARY

Date 23 24
25 26 27
28 29

10cm flux 72 74
74 76 79
84 86

AFr index 1 2 3 1
7 12 8 est

Aaus index 0 1
2 1 4
12 8 est

T index 19 21
16 17 22
21 20

Solar flare activity was very low all week.

Geomagnetic activity observed for the Australian Region
was quiet

23/27th quiet to active on 28th and quiet to unsettled on
29th.

Southern Australian Ionospheric F2 critical frequencies
were near

predicted to 30 percent enhanced on 23/24th near

predicted to 20

percent enhanced on 25th near predicted to 25 percent enhanced on

26/27th near predicted to 40 percent enhanced on 28th and near

predicted on 29th.

Forecast for 30th Jun to 6th Jul

Solar activity should be low.

Geomagnetic activity should be active 4/5th quiet to unsettled on

other days.

Frequencies could be briefly depressed after local dawn 4/5th and

near predicted monthly values on other days.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

VK2SG RTTY DX NOTES WEEKENDING 29 JUN

Our thanks this week go only to AA5AU DJ3IW GU0SUP UT5RP K3GP

OH2AQ DXSummit.

Bandpass:

Friday 23

0555-14081 5B4ABP

0558-14082 DQ2006Y

0559-14084 EK6TA

0609-14085 DR2006W

1210-14085 UN8LF

1219-14082 FR5AB

1252-14086 RK6YYA/0

1610-14085 8Q5GE

2021-14088 UN8PIM

2056-14093 SV9CVY

2110-14093 HL5BMX

2136-14090 EC8AUZ

2138-14079 KP4FKN

2226-14079 3XM6JR

Saturday 24

0053-14087 J88DR

0057-14087 SV9CVY

0107-14086 HR2/LU1DY

0113-14086 HK4QMH

0220-14087 HR2P

0221-14084 EK6TA

0224-14088 4L4KK

0237-14083 EU7SA

0252-14084 4K8F

0254--7035 RN6DR

0511-14082 4L4KK

0556-14084 9K2MU

0845-14080 OY1JVX

0916-14082 3XM6JR

1117-14086 8N3Y

1227-18100 8Q7GE

1258-21081 7X0RY

1320-14083 BD7KLO

1325-28083 UW8I

1347-14085 CM2KY

1348-14087 TI8CBT

1349-14085 XE3RCC

1354-14091 5B4ABP

1535-18104 3XM6JR

1600-18101 EC8KK

2247--7040 UR4EWT

2309--3590 UW8SM

2329--7037 EO6F

Sunday 25

0002-14082 K44AH

0111-21084 VR2XMT

0119--7037 EO6F

0236-14083 EK6TA

0509-21089 LY6A

0551-21086 UY8IS

0602-14080 7X0RY

0658-21098 TK/F6AUS

0713-28080 7X0RY

0731-28094 SV9CVY

0857-14079 UV8M

0910-21090 LY2FN

0948-21081 7X0RY

0950-14088 LY6A

0952-21081 BD7KLO

0959-14091 US0AK

1057-14084 9M6XRO

1059-14088 9V1UV

1201-14082 7X0RY

1338-14088 TI8CBT

1338-14087 8Q7GE

1339-14080 HL2NF

1627-14085 HF80GD

1805-14085 EA6ES

1917-14088 GU4WTN

1923-14087 XE1ZVO

1924-10140 EU7SA

2219-14087 OX3WS

Monday 26

0105-14088 HR2P

0218-10100 J88DR

0507-14082 EK6TA

1218-14084 BD7KLO

1228-14084 XE3ISS

1417-14084 8Q7CE

1449-14084 BD7KLO

1512-14083 EU6AW

1816-14088 CN8YZ

1842-14083 UN7QN

1849-14083 TI8CBT

1905-14085 OX3JZ

2059-14084 TF3PPN

2103-14085 HK6DOS

2127-14087 8N6HAM/6

2141-14089 C56W

2305-14084 CN8IG

Tuesday 27

0134-14081 8Q7GE

0204-14084 EK6TA

0256-14085 ES3RFL

0426-10139 DQ2006Y

0510-14082 DQ2006D

1129-14087 UN8LF

1145-14084 8N3Y

1220-18102 8Q7GE

1402-18106 TI8CBT

1517-14089 5B4ABP

1736-14086 IG9Z

1824-14092 SV9CVY

1930-14088 FG5FI

1942-14088 OX3WS

2023-14086 YL2BR

2128-14085 CN8IG

2133-14083 C56W

2143-14082 KP4ED

2147-14086 EK6TA

2159-14087 CO2IZ

2347-14085 UY8LM

Wednesday 28

1103-21080 9K2YM

1149-14082 EA8ALD

1223-14088 8Q7GE

1319-14078 UN7EG

1440-14086 DQ2006M

1546-14089 7N4JZK

1826-14083 CN8IG

1902-14083 UR3LC

1923-14086 EZ8CQ

1928-14088 CN8KD

1939-14095 SV9CVY

2120-14081 9Z4FZ

2152-14081 CO2IZ

2153-14083 EU8RZ

2249-14085 EA8RA

Thursday 29

0501-10139 DQ2006Y

0527--7039 DQ2006Y

0610-14083 DQ2006Y

0630--3584 DQ2006Y

0704-14082 C56W

1120-14084 BD7KO

1134-50236 SV9CVY

1218-14086 UN8PIM

1301-18103 8Q7CE

1307-14085 8N3Y

1312-14088 5B4ABP

1512-14081 EC7DX

1634-14086 CN8YZ

1730-14065 HF70ZBK

1849-14081 DQ2006J

1850-14082 EI6HB

1900-14083 CO7DI

1903-14089 OO5P

Note of interest:

REPUBLIC OF MONTENEGRO is a New DXCC Entity

On Jun 22 06 The Security Council recommended to the
General

Assembly that the Republic of Montenegro be admitted as a
Member

of the United Nations adopting resolution 1691 (2006)
unanimously.

On June 28th The Republic of Montenegro become 192nd
Member of U.N.

According to the ARRL DXCC List Criteria, Entities listed
on the UN

List of Member States qualify as Political Entities on
the List.

Therefore effective Jun 28 06 (UTC) ARRL has added The
Republic

of Montenegro to the DXCC List. QSOs made on or after
this date will

count for DXCC credit. Claims for DXCC credit will be
accepted

immediately.

Remember that DXpedition MONTENEGRO 2006 is supposed to
start on Jul

20/Aug 12 on all HF bands/modes. For more details, visit
the

following Web sites

http://www.un.org/apps/news/story.aspNewsID=18969Cr=montenegroCr1=

http://news.yahoo.com/s/ap/20060622/ap_on_re_eu/un_montenegro_2

http://www.yu6scg.cg.yu/international-dx-festival-montenegro-2006/

CRETE, SV9. SV1EJD
will be operating as SV9/SV1EJD on all bands SSB

and RTTY. Qsl via buereau or direct.

PERU, OA. Look for DL2AH operating as OA/DL2AH from OA2
OA2 OA1 and

possibly OA7/8 from 40 to 10m on SSB perhaps on RTTY with
windom plus

Sigma5/Force. Qsl via DARC or direct.

SAMOA, 5W0. A team composed by KT8X K8AQM N8CC JF3MYU
will be on

air as 5W0DW 5W0TR 5W0JB 5W0KI on CW SSB and digital.
Special focus

on on 160-30m + plus 17m. Qsl via KT8X CBA, 5W0KI vai
JF3MYU

JARL buro or CBA.

You can also subscribe to the digital-dx reflector - send
an

e-mail message to majordomo at mla.nifty.ne.jp as
follows:

Subject: (blank) Message Body: subscribe digital-dx

For next week's bulletin, send your bandpass and notes of

interest to Goetz DJ3IW

Gl de (DX2) Luciano I5FLN

The Ohio/Penn DX Bulletin No. 764 - excerpts

A6, UNITED ARAB EMIRATES

Bob W3YY will be in Dubai from Jun 27/Jul 2. He is
seeking an opportunity

for a guest op operation from an A6 station.

B1/B3/B4/B7, CHINA

The Chinese Radio Sports Association (CRSA) HQ stations
will be on air

during the 2006 IARU HF Word Championship Jul 8-9. There
were four

different special callsigns assigned by CRSA to be active
on 160-10M.

Look for B1HQ (B1Z), B3HQ (B3C), B4HQ (B4R) and B7HQ
(B7P). QSL all four

callsigns via BA4EG. The CRSA will issue four awards to encourage QSOs

with CRSA HQ stations.

IOTA NEWS

AS-129. Look for Vange (Wenjun) BD7KLO, to be active from Sanmen Island

Jul 27-30. Activity will include an entry in the IOTA Contest. QSL via

BD7KLO.

EU-011. Members of the Cray Valley Team will activate St. Marys Island

during the IOTA Contest. They will travel to St. Marys on Jul 26 and

return on Aug 2. Operators mentioned are G4BUO G4TSH G0FDZ G0VJG G7GLW

and M3CVN. They will operate on the WARC bands and 6m prior to the contest

either using their callsigns above /P or the club callsign of G3RCV/P.

During the contest they will be active as M8C and after until they leave

the Islands under the callsigns above. QSL via G4DFI the QSL Manager of

M8C and the Club callsign.

EU-047. Reinhard DH6DAO will be active as DH6DAO/p from Spiekeroog Island

Jul/Aug 4. Activity will include an entry in the IOTA Contest but SSB only.

QSL via the Bureau.

EU-049. Marcel/PA9M and George/SV8GXC will be active as SV8/PA9M/p from

Chios Island between Jul 29/Aug 10. Activity will include an entry in the

IOTA Contest. QSL via PA9M.

EU-059. Remember to look for Gordon G3USR to be active as GM3USR/p from St.

Kilda (IOSA OL02 and SCOTIA DI23) Jun 24/Jul 6. His activity will be

limited since he is there visiting St. Kilda as part of a National Trust

for Scotland working party. He will operate only SSB on 40/20M. There is

a possibility of some 6M. QSL via G3USR (QRZ.com).

EU-068. Operators Danny/ON4ON Harvey/ON5SY Andre/ON6CX Eddy/ON7PO and

Pat/ON7PQ will be active as F/ON4ON/p from Ile de Sein during the IOTA

Contest. QSL via ON4ON.

EU-077. Operators Gerard/EA4ST Amadeo/EA1CA Manuel/EA1HP Jose/EA1OS

Jesus/EA1DAV Domingo/EA1DAX Javier/EA1FDI and Jose/EA1DKV will take part

in next IOTA Contest from Sisarga Grande Island as a Mixed-Mode/Low-Power

entry. QSL via EA1CA.

OC-295P. Steve Telenius-Lowe 9M6DXX reports 'Following the RSGB IOTA

Committees recent announcement that Pulau Sebatik (Sebatik Island 9M6

YB7) would count as a new IOTA group (OC-295P) a DXpedition is to be

mounted to activate this island for the first time. Members of the

Borneo Amateur Radio Club including Steve 9M6DXX (ex-G4JVG P29DX etc)

and John 9M6XRO

(ex-9M6/G3OOK), will be active as 9M4SEB (callsign applied for) from

approximately 1100 UTC on 14th July until about 0300 UTC on 17th July 2006.

Activity will be on 10 to 80m, CW and SSB, using up to three stations

simultaneously. One station will use a beam antenna and two will use

400W amps. QSL direct or via the bureau to M5AAV Graham Ridgeway

Pilgrim Street, Nelson, Lancs BB9 0JQ, England.'

J6, ST. LUCIA

Dave/KC2HO and Lauren/KC2LR will be active as J6/KC2HO and J6/KC2LR

respectivelly now thru Jul 4. Most activity will be during their evening

hours on 40-10M on CW SSB and RTTY. QSL via their home callsigns.

LX, LUXEMBOURG (Date Change)

Operators Ivo/OQ0A Guido/OP7A Peter/OO7A, Jan/ON6RJ and Rob/OR9Q will be

active as LX/homecall from the castle of Wiltz in Luxembourg (QTH LX5A)

between Sep 8-10. Activity will be on 80/40/20/15/10M on CW/SSB/RTTY. QSL

via the operator's home callsign, by the Bureau or (QRZ.com) address.

SV9, CRETE

Mick G8VHB will be active as SV9/G8VHB from Crete (EU-015) from Sep 27/

Oct 9. Look for activity on all bands 20-10M using only 100 watts and a

rotary dipole antenna.

T6, AFGHANISTAN (Update)

Mika OH6MKL is now active as T66T until the end of Jul. Frequencies are

CW - 1820 3520
7020 10120 14020 18090 21020 24900 and 28020 kHz

SSB - 1880 3680 7080 14180 18150 21250 24980 and 28495 kHz.

He was heard this past week on 30M between 1700-2100z and on 20M CW

between 1400-1700z. QSL via OH6MKL.

VP2, MONTSERRAT

Graham M0AEP will be active as VP2MDD Jul 1-14. Activity will be on

80-6M with 200 watts into a windom antenna, on SSB and CW. His main

focus will be on 6M on SSB and CW with 350 watts plus a 5 element yagi.

QSL via M0ARP (QRZ.com).

YJ, VANUATU

Tommy VK2IR will be active as YJ0IR from Jul 3-15. QSL via W3HNK.

ZD8, ASCENSION ISLAND

Andy G0JLX is expected to operate from Ascension Island (AF-003) as

ZD8AD July 1-23 (dates are approximate at this stage). Activity will be

on all HF bands SSB and CW. QSL via G0JLX, direct or by the bureau.

ZL8, KERMADEC ISLANDS

Look for Jacky ZL3CW, to be active from Raoul Island (OC-039) starting

around Jun 27-28. He plans to be there for about one week as ZM8CW.

Activity will be limited to his spare time. He will concentrate on the

lower bands. QSL via ZL1AMO.

The Society can be contacted in the following ways

To Pat VK2JPA via patleeper at optusnet.com.au or

Col VK2CTD via ctdavies at bigpond.net.au or

you can drop a line to PO Box 93 Toongabbie NSW 2146.

73’s from Pat VK2JPA broadcast Officer

NNNN